MICHAEL MAYAGUARI

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Astute senior computer science student with data analysis and customer service experience seeks an opportunity as data analyst in the financial services technology industry. Passionate about learning and creative thinking to innovate and to find permanent solutions.

EDUCATION
B.S. Computer Science with a minor in Economics, The City College of New York: May 2021

AFFILIATIONS
Senator, Undergraduate Student Government   07/20 – Present
Co-director / Member, Latin American Engineering Student Association – SHPE   2018 – Present
Treasurer, Tau Kappa Epsilon Fraternity Inc.   2019/20

QUALIFICATIONS
Technical Skills: Knowledgeable in Amazon Web Services, Dataiku DSS, Google Cloud Platform, Kubernetes, and Tableau.
    Intermediate in C++, CSS, HTML, Java, JavaScript, Lua, Node.js, MySQL, PHP, Python, React.js, and Scheme.
    Proficient in Canva, Microsoft Office, and Wix.
Certificates: Full-Stack Web Development Certification by freeCodeCamp.org   2017
    Young Adult Internship Program by Northern Manhattan Improvement Incorporated   07 – 09/17
Languages: Fluent in Spanish

PROJECTS
The Hive: Led a group to develop a system that will facilitate active teaming of people with similar interests and skillsets to collaborate on projects. It was built using Python for its GUI and MySQL for the database.   01/20 – 05/20
Viz Website: Designed and developed a website using personal financial data analysis visualizations.   01/20 – 05/20
The site organizes and describes the analysis of the graphs created with Vega to help us understand our spending habits.
SHPE Jr.: Co-director for the project in charge of the financial logistics.   02/20
SHPE Jr. Chapters provide youth with opportunities to participate in hands-on STEM activities.
IoCrea: Digital marketing Start-up to help local small shops afford an online presence with a website created using Wix.   2018/20

WORK EXPERIENCE
Lead Instructor, CodeAdvantage.org, New York, NY   05/20 – Present
- Instructs virtually Lua Programing Language using Roblox Studio to inspire the next generation of technology leaders.
- Teaches core Computer Science concepts with Python to 3rd – 4th graders interactively and fun to enhance their creativity.
- Creates and adjusts curriculum following the company's guidelines to ensure students understand and engaged in class.

Data Science Intern, Pfizer, New York, NY   07/19 – 12/19
- Developed an Alexa Skill using a Lambda function hosted in AWS built with a 91% accurate decision tree model to interact with users and predict the probability of them having a rare disease based on a series of questions.
- Created a Map Widget Plugin using HTML, JavaScript, PHP, and Google Maps JavaScript API to pinpoint specific location from a dataset which I cleaned and transformed it into coordinates using Python and Dataiku DSS.
- Templated both projects to be reused with different datasets as well creatively documented the process in the team's GitHub to ease the development of a new Alexa Skill and the Map Widget Plugin.

Front Desk Agent / Night Auditor, Edge Hotel, New York, NY   09/17 – 12/19
- Managed the bookings and billings of guest reservations, reviewed daily financial reports, made sales and handled guests' complaints by communicating and resolving issues quickly and professionally to enhance guest stay in the property.
- Created and reviewed the end-of-day report to organize and ensure the payments and revenue matched the sales and hotel occupancy of the day, in addition communicated it to the accountant and management via email.

Organization Assistant for Technical Director, University at Buffalo Center for the Arts, Buffalo, NY   11/16 – 05/17
- Created Excel spreadsheet establishing an electronic bookkeeping system to organize and analyze monthly expenses.
- Placed orders by phone and online to keep an organized inventory and office supplies.

Electrician's Assistant, Hudson River Electric Inc, Irvington, NY   2016/17
- Read, interpreted and executed residential/commercial electrical equipment installations to meet the client's demands.
- Troubleshooted and repaired electrical malfunctioning quickly and efficiently with significant teamwork.

COMMUNITY ENGAGEMENT
Lead Instructor, America On Tech, New York, NY   12/19 – Present
Mentor, CovEducation, New York, NY   05/20 – Present
Teacher's Assistant, Women in Computer Science x Google High School Event, Virtual   11/20
Team Captain, Google Tech Challenge, New York, NY   04/19
Home Builder, Habitat for Humanity, UB Circle K, Buffalo, NY   02/17 – 05/17